Groundwater Dependent Ecosystems Inventories Using Survey 123 App and Database Improvement



Project Title	Groundwater Dependent Ecosystems Inventories Using Survey 123 App and Database Improvement
Project Summary	Modernizing the Forest Service's groundwater dependent ecosystem (GDE) inventory effort is necessary for the stewardship of these resources. This includes the creation and continued improvement of a GDE inventory Survey 123 app and the input of previously collected GDE data into corporate databases.
Country	United States

Project Description

We have developed a GDE Level I inventory app that will be beta tested in the field in 2020. We will use input from that testing to improve it. We have old inventories, in both paper and electronic from, that need to be entered into Springs Online. We are exploring innovative ways to efficiently transfer this data to avoid manual entry of individual surveys.

Required Skills or Interests

Skill(s)
Coding
Data analysis
GIS expertise
Software development

Additional Information

We are looking for two candidates with Excel and ArcGIS/Pro experience and preferably experience with JavaScript, HTML5 and FME. Hydrology, geology, botany, soil science, ecology or any biological or physical

science background would be great but is not required. There may be opportunities to work on other projects involving GDEs.

Language Requirements

None